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ABSTRACT

The invention concerns a rubber composition vulcanizable in sulphur characterized in that it comprises: a) at least one polymer selected from the group consisting of diene polymers, olefin/diene monomer copolymers and halogenated iso-olefin/para-alkylstyrene copolymers; b) silica as filler; c) at least a sulphured silane enabling the bond between the silica and the polymer; d) at least a substituted guanidine; and in that it has at least one of the following characteristics: it comprises at a diene polymer containing at least a terminal amino group of an aliphatic or cycloaliphatic amine which is itself bound at the chain end, the polymer being thus devoid of alkoxysilane group and silanol group; the composition comprises at least a free aliphatic or cycloaliphatic amine. The invention also concerns a tire and tire tread comprising such a composition.